



Alberta Oil Sands

Annual Statistics for 1991

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Alberta Oil Sands

Annual Statistics for 1991

**Energy Resources Conservation Board
Annual Statistical Series ERCB 92-43**

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- 17 Alberta Oil and Gas Industry
Annual Statistics
- 28 Alberta Electric Industry
Annual Statistics
- 29 Alberta Coal Industry
Annual Statistics

Volume 09, June 1992

Published by:

**Energy Resources Conservation Board
640 Fifth Avenue SW
Calgary, Alberta
T2P 3G4**

Telephone (403) 297-2537

Fax (403) 297-3366

Suncor Inc. and Syncrude Canada Ltd.

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Annual 1991

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Note: Inquiries regarding this publication should be directed to the Board's Accounting Department, Statistics Section at 297-2537.

1. Grade: Mass per cent Bitumen in oil sands.
2. Gas volume at 101.325 kPa and 15° C.
3. Liquid volume at 15° C.

Notes

- (A) Distillate production does not include heavy fuel oil.
- (B) Sulphur production includes flared / waste.
- (C) Synthetic crude oil production does not include diluent naphtha production, Suncor includes diesel production (SCO site fuel uses).
- (D) Other hydrocarbons production includes light slop material.

Annual 1991

Synthetic Crude Oil (cubic metres)

	January	February	March	April	May
Suncor					
Opening Inventory	125 002.3	71 057.1	76 919.7	104 653.5	86 624.5
Production	271 100.6	283 155.8	351 595.2	318 822.7	279 458.5
From Other	42.9	0.0	0.0	0.0	0.0
	-----	-----	-----	-----	-----
	396 145.8	354 212.9	428 514.9	423 476.2	366 083.0
Closing Inventory	71 057.1	76 919.7	104 653.5	86 624.5	75 217.5
	-----	-----	-----	-----	-----
	325 088.7	277 293.2	323 861.4	336 851.7	290 865.5
	=====	=====	=====	=====	=====
Site Fuel / Use	3 395.4	4 535.9	4 621.4	3 940.3	3 732.5
Metering Difference	(334.4)	200.3	(223.1)	(133.3)	487.0
Deliveries	322 027.7	272 557.0	319 463.1	333 044.7	286 646.0
	-----	-----	-----	-----	-----
	325 088.7	277 293.2	323 861.4	336 851.7	290 865.5
	=====	=====	=====	=====	=====

Syncrude

Opening Inventory	20 278	25 015	41 273	25 554	23 092
Production (C)	781 436	769 349	735 078	443 993	838 982
	-----	-----	-----	-----	-----
	801 714	794 364	776 351	469 547	862 074
Closing Inventory	25 015	41 273	25 554	23 092	20 755
	-----	-----	-----	-----	-----
	776 699	753 091	750 797	446 455	841 319
	=====	=====	=====	=====	=====
Site Fuel / Use	6 373	6 373	6 599	6 458	4 525
Metering Difference	(8)	(29)	28	4	4
Deliveries	770 334	746 747	744 170	439 993	836 790
	-----	-----	-----	-----	-----
	776 699	753 091	750 797	446 455	841 319
	=====	=====	=====	=====	=====

June	July	August	September	October	November	December	1991
75 217.5	71 633.3	69 316.7	83 420.1	98 543.4	70 439.7	79 186.1	125 002.3
320 927.5	245 664.5	314 750.8	321 826.1	267 497.4	305 933.8	271 133.7	3 551 866.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.9
396 145.0	317 297.8	384 067.5	405 246.2	366 040.8	376 373.5	350 319.8	3 676 911.8
71 633.3	69 316.7	83 420.1	98 543.4	70 439.7	79 186.1	69 263.6	69 263.6
324 511.7	247 981.1	300 647.4	306 702.8	295 601.1	297 187.4	281 056.2	3 607 648.2
3 886.5	4 935.1	5 843.1	7 792.2	4 971.7	4 266.3	6 050.5	57 970.9
64.3	59.6	690.2	88.0	(6.7)	91.1	(217.0)	766.0
320 560.9	242 986.4	294 114.1	298 822.6	290 636.1	292 830.0	275 222.7	3 548 911.3
324 511.7	247 981.1	300 647.4	306 702.8	295 601.1	297 187.4	281 056.2	3 607 648.2
20 755	55 099	53 239	37 904	32 770	22 694	39 254	20 278
816 421	941 789	912 390	693 338	751 786	975 475	1 014 909	9 674 946
837 176	996 888	965 629	731 242	784 556	998 169	1 054 163	9 695 224
55 099	53 239	37 904	32 770	22 694	39 254	45 770	45 770
782 077	943 649	927 725	698 472	761 862	958 915	1 008 393	9 649 454
5 039	6 178	6 246	5 139	6 870	5 031	6 002	70 833
(62)	3	28	9	18	(30)	(12)	(47)
777 100	937 468	921 451	693 324	754 974	953 914	1 002 403	9 578 668
782 077	943 649	927 725	698 472	761 862	958 915	1 008 393	9 649 454

Other Hydrocarbons (cubic metres)

	January	February	March	April	May
Suncor					
Diluent Naphtha					
Opening Inventory	46 644.7	47 020.8	47 557.2	37 650.5	39 210.2
Production	1 149.7	2 104.8	(8 368.5)	2 192.2	(372.9)
	-----	-----	-----	-----	-----
	47 794.4	49 125.6	39 188.7	39 842.7	38 837.3
Closing Inventory	47 020.8	47 557.2	37 650.5	39 210.2	38 715.4
	-----	-----	-----	-----	-----
	773.6	1 568.4	1 538.2	632.5	121.9
	=====	=====	=====	=====	=====
Flared / Waste	773.6	1 568.6	1 538.2	632.5	121.9
Metering Difference	0.0	(0.2)	0.0	0.0	0.0
	-----	-----	-----	-----	-----
	773.6	1 568.4	1 538.2	632.5	121.9
	=====	=====	=====	=====	=====

Syncrude

Diluent Naphtha

Opening Inventory	65 184	64 301	62 471	56 780	57 715
Production (D)	5 813	5 100	2 874	7 090	5 703
	-----	-----	-----	-----	-----
	70 997	69 401	65 345	63 870	63 418
Closing Inventory	64 301	62 471	56 780	57 715	57 575
	-----	-----	-----	-----	-----
	6 696	6 930	8 565	6 155	5 843
	=====	=====	=====	=====	=====
Flared / Waste	6 696	6 930	8 565	6 155	5 843
Metering Difference	0	0	0	0	0
	-----	-----	-----	-----	-----
	6 696	6 930	8 565	6 155	5 843
	=====	=====	=====	=====	=====

June	July	August	September	October	November	December	1991
38 715.4	38 709.8	41 904.4	40 273.0	45 450.8	46 955.8	50 049.7	46 644.7
636.1	4 868.1	403.9	6 642.0	2 911.2	4 771.3	(982.4)	15 955.5
39 351.5	43 577.9	42 308.3	46 915.0	48 362.0	51 727.1	49 067.3	62 600.2
38 709.8	41 904.4	40 273.0	45 450.8	46 955.8	50 049.7	47 568.8	47 568.8
641.7	1 673.5	2 035.3	1 464.2	1 406.2	1 677.4	1 498.5	15 031.4
641.7	1 673.5	2 035.3	1 464.2	1 406.2	1 677.5	1 498.5	15 031.7
0.0	0.0	0.0	0.0	0.0	(0.1)	0.0	(0.3)
641.7	1 673.5	2 035.3	1 464.2	1 406.2	1 677.4	1 498.5	15 031.4
57 575	65 206	64 353	61 081	63 169	70 369	67 622	65 184
13 946	4 570	4 926	10 329	15 471	2 729	7 524	86 075
71 521	69 776	69 279	71 410	78 640	73 098	75 146	151 259
65 206	64 353	61 081	63 169	70 369	67 622	69 250	69 250
6 315	5 423	8 198	8 241	8 271	5 476	5 896	82 009
6 315	5 422	8 198	8 242	8 271	5 476	5 896	82 009
0	1	0	(1)	0	0	0	0
6 315	5 423	8 198	8 241	8 271	5 476	5 896	82 009

Coke (tonnes)

	January	February	March	April	May
Suncor					
Opening Inventory	3 051 900	3 056 379	3 075 287	3 103 609	3 134 156
Production	78 504	84 306	97 763	90 503	83 469
	3 130 404	3 140 685	3 173 050	3 194 112	3 217 625
Closing Inventory	3 056 379	3 075 287	3 103 609	3 134 156	3 165 986
	74 025	65 398	69 441	59 956	51 639
Site Fuel / Use	74 025	65 398	69 440	59 956	51 640
Metering Difference	0	0	1	0	(1)
	74 025	65 398	69 441	59 956	51 639

Syncrude

Opening Inventory	9738202	9844782	9953536	10064829	10120127
Production	106580	108754	111293	55298	125943
	9844782	9953536	10064829	10120127	10246070
Closing Inventory	9844782	9953536	10064829	10120127	10246070
	0	0	0	0	0

3 165 986	3 208 951	3 242 732	3 280 556	3 317 779	3 344 715	3 376 043	3 051 900
92 065	80 162	86 090	86 480	81 295	83 109	74 931	1 018 677
3 258 051	3 289 113	3 328 822	3 367 036	3 399 074	3 427 824	3 450 974	4 070 577
3 208 951	3 242 732	3 280 556	3 317 779	3 344 715	3 376 043	3 383 324	3 383 324
49 100	46 381	48 266	49 257	54 359	51 781	67 650	687 253
49 100	46 381	48 266	49 257	54 359	51 781	67 650	687 253
0	0	0	0	0	0	0	0
49 100	46 381	48 266	49 257	54 359	51 781	67 650	687 253

10246070	10371546	10501330	10628795	10747935	10866736	10985684	9 738 202
125476	129784	127465	119140	118801	118948	122121	1 369 603
10371546	10501330	10628795	10747935	10866736	10985684	11107805	11 107 805
10371546	10501330	10628795	10747935	10866736	10985684	11107805	11 107 805
0	0	0	0	0	0	0	0

Sulphur (tonnes)

January February March April May

Suncor

Opening Inventory	126 260	125 298	125 298	125 895	125 895
Production (B)	10 421	11 181	13 260	12 590	11 748
	-----	-----	-----	-----	-----
	136 681	136 479	138 558	138 485	137 643
Closing Inventory	125 298	125 298	125 895	125 895	125 895
	-----	-----	-----	-----	-----
	11 383	11 181	12 663	12 590	11 748
	=====	=====	=====	=====	=====
Flared / Waste	434	434	635	575	817
Deliveries	10 949	10 747	12 028	12 015	10 931
	-----	-----	-----	-----	-----
	11 383	11 181	12 663	12 590	11 748
	=====	=====	=====	=====	=====

Syncrude

Opening Inventory	9 276	9 224	9 335	9 354	8 780
Production	32 080	32 214	31 089	19 459	35 854
	-----	-----	-----	-----	-----
	41 356	41 438	40 424	28 813	44 634
Closing Inventory	9 224	9 335	9 354	8 780	9 493
	-----	-----	-----	-----	-----
	32 132	32 103	31 070	20 033	35 141
	=====	=====	=====	=====	=====
Deliveries	32 132	32 103	31 070	20 033	35 141
	-----	-----	-----	-----	-----
	32 132	32 103	31 070	20 033	35 141
	=====	=====	=====	=====	=====

Bitumen (cubic metres)

	January	February	March	April	May
Suncor					
Opening Inventory	25 029.1	26 481.7	47 397.8	42 113.2	37 919.4
Production	332 659.5	381 819.3	413 208.0	383 217.5	356 496.5
From Other	4 808.1	0.0	0.0	0.0	0.0
	-----	-----	-----	-----	-----
Closing Inventory	362 496.7	408 301.0	460 605.8	425 330.7	394 415.9
	26 481.7	47 397.8	42 113.2	37 919.4	37 106.6
	-----	-----	-----	-----	-----
	336 015.0	360 903.2	418 492.6	387 411.3	357 309.3
	=====	=====	=====	=====	=====
Further Processing	336 015.0	360 903.2	418 492.5	387 411.3	357 309.3
Metering Difference	0.0	0.0	0.1	0.0	0.0
	-----	-----	-----	-----	-----
	336 015.0	360 903.2	418 492.6	387 411.3	357 309.3
	=====	=====	=====	=====	=====

Syncrude

Opening Inventory	240 935	282 884	281 201	241 774	283 867
Production	929 671	886 528	874 199	577 017	1 100 237
From Other	0	0	0	0	261
	-----	-----	-----	-----	-----
Closing Inventory	1 170 606	1 169 412	1 155 400	818 791	1 384 365
	282 884	281 201	241 774	283 867	312 257
	-----	-----	-----	-----	-----
	887 722	888 211	913 626	534 924	1 072 108
	=====	=====	=====	=====	=====
Further Processing	887 722	888 211	913 626	530 898	1 072 108
Metering Difference	0	0	0	4 026	0
	-----	-----	-----	-----	-----
	887 722	888 211	913 626	534 924	1 072 108
	=====	=====	=====	=====	=====

Note: Bitumen production includes tertiary recovery from tailing ponds.

June	July	August	September	October	November	December	1991
37 106.6	37 930.9	35 421.2	31 278.3	43 414.8	35 341.9	21 398.3	25 029.1
394 938.9	340 640.6	364 366.0	382 341.5	339 929.7	341 932.7	345 499.0	4 377 049.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 808.1
432 045.5	378 571.5	399 787.2	413 619.8	383 344.5	377 274.6	366 897.3	4 406 886.4
37 930.9	35 421.2	31 278.3	43 414.8	35 341.9	21 398.3	46 118.4	46 118.4
394 114.6	343 150.3	368 508.9	370 205.0	348 002.6	355 876.3	320 778.9	4 360 768.0
394 114.6	343 150.3	368 508.9	370 205.0	348 002.6	355 876.2	320 778.9	4 360 767.8
0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2
394 114.6	343 150.3	368 508.9	370 205.0	348 002.6	355 876.3	320 778.9	4 360 768.0
312 257	368 545	281 862	357 492	331 105	365 606	440 362	240 935
1 107 193	1 014 778	1 118 065	954 153	1 061 012	1 073 873	1 069 991	11 766 717
566	656	656	257	0	15 271	26 826	44 493
1 420 016	1 383 979	1 400 583	1 311 902	1 392 117	1 454 750	1 537 179	12 052 145
368 545	281 862	357 492	331 105	365 606	440 362	455 246	455 246
1 051 471	1 102 117	1 043 091	980 797	1 026 511	1 014 388	1 081 933	11 596 899
1 051 471	1 102 118	1 043 091	980 797	1 026 511	1 014 388	1 081 932	11 592 873
0	(1)	0	0	0	0	1	4 026
1 051 471	1 102 117	1 043 091	980 797	1 026 511	1 014 388	1 081 933	11 596 899

Distillate (cubic meters)

	January	February	March	April	May
Suncor					
Opening Inventory	13 688.7	9 075.7	19 277.1	13 051.6	15 086.0
Production (A)	292 732.1	310 541.1	365 791.3	342 007.2	304 865.1
	-----	-----	-----	-----	-----
	306 420.8	319 616.8	385 068.4	355 058.8	319 951.1
Closing Inventory	9 075.7	19 277.1	13 051.6	15 086.0	11 243.2
	-----	-----	-----	-----	-----
	297 345.1	300 339.7	372 016.8	339 972.8	308 707.9
	=====	=====	=====	=====	=====
Further Processing	297 345.7	300 352.8	371 257.5	339 772.1	294 888.5
Site Fuel / Use	0.0	0.0	437.5	0.0	0.0
Flared / Waste	0.0	0.0	0.0	0.0	370.7
Metering Difference	(0.6)	(13.1)	321.8	200.7	32.1
Deliveries to IPPL	0.0	0.0	0.0	0.0	13 416.6
	-----	-----	-----	-----	-----
	297 345.1	300 339.7	372 016.8	339 972.8	308 707.9
	=====	=====	=====	=====	=====

Syncrude

Opening Inventory	156 143	108 815	69 720	87 107	91 137
Production	732 378	727 790	747 712	451 401	885 619
	-----	-----	-----	-----	-----
	888 521	836 605	817 432	538 508	976 756
Closing Inventory	108 815	69 720	87 107	91 137	142 157
	-----	-----	-----	-----	-----
	779 706	766 885	730 325	447 371	834 599
	=====	=====	=====	=====	=====
Further Processing	767 587	757 249	719 348	433 901	818 083
Metering Difference	12 119	9 636	10 977	13 470	16 516
	-----	-----	-----	-----	-----
	779 706	766 885	730 325	447 371	834 599
	=====	=====	=====	=====	=====

Historical

1967 - 1991

Oil Sands Mining and Processing

1967-1982 1983 1984 1985

Suncor

Mined (Tonnes)	437 298 665	36 028 538	36 428 035	30 030 918
(Grade)	-	11.93	11.46	12.02
	-----	-----	-----	-----
Processed (Tonnes)	437 298 665	36 028 538	36 428 035	30 030 776
(Grade)	-	11.93	11.46	12.02
	-----	-----	-----	-----

Syncrude

Mined (Tonnes)	263 888 992	87 541 372	63 681 284	96 050 486
(Grade)	-	10.73	11.05	10.83
	-----	-----	-----	-----
Processed (Tonnes)	265 884 412	86 204 585	63 513 028	97 349 963
(Grade)	-	10.73	11.04	10.85
	-----	-----	-----	-----

1986

1987

1988

1989

1990

1991

39 410 278

32 748 835

38 286 734

39 980 603

35 531 087

40 926 316

12.30

11.87

11.62

12.02

11.97

11.89

39 410 278

32 748 805

38 286 734

39 980 603

35 527 560

40 926 230

12.30

11.87

11.62

12.02

11.97

11.89

97 343 534

103 843 559

110 228 489

110 355 250

116 230 884

124 726 418

10.71

10.57

10.54

10.44

10.40

10.52

97 426 709

104 674 905

110 139 733

108 796 928

118 278 033

124 399 359

10.72

10.59

10.54

10.46

10.38

10.51

Synthetic Crude Oil (cubic metres)

	1967-1982	1983	1984	1985
Suncor				
Opening Inventory	0.0	60 130.2	66 340.5	77 828.4
Production	33 774 029.8	2 320 005.2	2 821 583.9	2 175 029.4
From Other	0.0	0.0	0.0	0.0
	-----	-----	-----	-----
Closing Inventory	33 774 029.8 60 130.2	2 380 135.4 66 340.5	2 887 924.4 77 828.4	2 252 857.8 87 886.4
	-----	-----	-----	-----
	33 713 899.6	2 313 794.9	2 810 096.0	2 164 971.4
	=====	=====	=====	=====
Site Fuel / Use	390 450.8	43 736.1	44 200.7	44 410.3
Flared / Waste	3 426.1	0.0	89.6	78.7
Metering Difference	60 801.4	2 845.3	9 409.3	374.6
Deliveries	33 259 221.3	2 267 213.5	2 756 396.4	2 120 107.8
	-----	-----	-----	-----
	33 713 899.6	2 313 794.9	2 810 096.0	2 164 971.4
	=====	=====	=====	=====

Syncrude

Opening Inventory	0.0	24 929	20 411	21 029
Production (C)	17 894 383.4	6 319 372	4 960 704	7 394 245
	-----	-----	-----	-----
Closing Inventory	17 894 383.4 24 929.0	6 344 301 20 411	4 981 115 21 029	7 415 274 16 035
	-----	-----	-----	-----
	17 869 454.4	6 323 890	4 960 086	7 399 239
	=====	=====	=====	=====
Site Fuel / Use	0.0	0	0	0
Flared / Waste	21 283.8	0	0	0
Metering Difference	(7 485.6)	(1)	0	12
Deliveries	17 855 656.2	6 323 891	4 960 086	7 399 227
	-----	-----	-----	-----
	17 869 454.4	6 323 890	4 960 086	7 399 239
	=====	=====	=====	=====

1986	1987	1988	1989	1990	1991
87 886.4	80 692.9	44 125.9	84 125.5	79 374.9	125 002.3
3 271 435.0	2 503 449.7	2 971 639.0	3 343 614.5	3 043 906.1	3 551 866.6
0.0	0.0	0.0	0.0	115.4	42.9
3 359 321.4	2 584 142.6	3 015 764.9	3 427 740.0	3 123 396.4	3 676 911.8
80 692.9	44 125.9	84 125.5	79 374.9	125 002.3	69 263.6
3 278 628.5	2 540 016.7	2 931 639.4	3 348 365.1	2 998 394.1	3 607 648.2
=====	=====	=====	=====	=====	=====
31 232.7	28 685.6	40 439.3	41 717.6	46 796.9	57 970.9
0.0	0.0	0.0	0.0	0.0	0.0
(211.9)	3 492.0	(96.5)	2 625.3	1 164.7	766.0
3 247 607.7	2 507 839.1	2 891 296.6	3 304 022.2	2 950 432.5	3 548 911.3
3 278 628.5	2 540 016.7	2 931 639.4	3 348 365.1	2 998 394.1	3 607 648.2
=====	=====	=====	=====	=====	=====
16 035	18 975	16 735	25 125	24 205	20 278
7 487 380	7 917 836	8 718 705	8 630 797	9 083 517	9 674 946
7 503 415	7 936 811	8 735 440	8 655 922	9 107 722	9 695 224
18 975	16 735	25 125	24 205	20 278	45 770
7 484 440	7 920 076	8 710 315	8 631 717	9 087 444	9 649 454
=====	=====	=====	=====	=====	=====
0	0	34 564	48 964	70 727	70 833
0	0	0	0	0	0
(5)	3	(15)	2	9	(47)
7 484 445	7 920 073	8 675 766	8 582 751	9 016 708	9 578 668
7 484 440	7 920 076	8 710 315	8 631 717	9 087 444	9 649 454
=====	=====	=====	=====	=====	=====

Other Hydrocarbons (cubic metres)

	1967-1982	1983	1984	1985
Suncor				
Heavy Fuel Oil and Diluent Naphtha				
Opening Inventory *	0.0	3 239.7	1 659.5	2 104.4
Production	490 406.9	47 881.3	12 944.1	21 284.5
	490 406.9	51 121.0	14 603.6	23 388.9
Closing Inventory *	3 239.7	1 659.5	2 104.4	1 964.9
	487 167.2	49 461.5	12 499.2	21 424.0
Site Fuel / Use	492 678.8	49 461.6	12 499.2	21 424.1
Flared / Waste	6 024.2	0.0	0.0	0.0
Metering Difference	(11 535.8)	(0.1)	0.0	(0.1)
	487 167.2	49 461.5	12 499.2	21 424.0

Syncrude

Diluent Naphtha

Opening Inventory *	68 232.4	52 127	58 986	59 730
Production (D)	924 234.8	189 353	144 855	83 870
	992 467.2	241 480	203 841	143 600
Closing Inventory *	50 900.0	58 986	59 730	60 295
	941 567.2	182 494	144 111	83 305
Further Processing	465 320.7	71 260	62 316	0
Site Fuel / Use	19 234.0	0	0	0
Flared / Waste	435 534.0	111 234	81 794	81 508
Metering Difference	(1.5)	0	1	1 797
Deliveries	21 480.0	0	0	0
	941 567.2	182 494	144 111	83 305

Note: * Inventories differ due to the change in method of reporting.

1986	1987	1988	1989	1990	1991
1 964.9	1 946.8	1 648.9	48 123.3	45 323.0	46 644.7
26 385.8	10 618.3	9 586.8	51 409.2	25 214.4	15 955.5
28 350.7	12 565.1	11 235.7	99 532.5	70 537.4	62 600.2
1 946.8	1 648.9	1 990.0	45 323.0	46 644.8	47 568.8
26 403.9	10 916.2	9 245.7	54 209.5	23 892.6	15 031.4
26 403.8	10 916.1	13 049.8	0.0	0.0	0.0
0.0	0.0	0.0	54 209.5	23 892.7	15 031.7
0.1	0.1	(3 804.1)	0.0	(0.1)	(0.3)
26 403.9	10 916.2	9 245.7	54 209.5	23 892.6	15 031.4
60 295	54 371	58 712	66 761	57 483	65 184
68 591	71 022	70 089	53 820	69 839	86 075
128 886	125 393	128 801	120 581	127 322	151 259
54 371	58 712	66 761	57 483	65 184	69 250
74 515	66 681	62 040	63 098	62 138	82 009
0	0	0	0	0	0
0	0	0	0	0	0
73 075	66 561	61 645	63 099	62 138	82 009
1 440	120	395	(1)	0	0
0	0	0	0	0	0
74 515	66 681	62 040	63 098	62 138	82 009

Coke (tonnes)

1967-1982 1983 1984 1985

Suncor

Opening Inventory	0	1 251 600	1 490 215	1 617 353
Production	10 069 986	873 751	850 774	749 995
	10 069 986	2 125 351	2 340 989	2 367 348
Closing Inventory	1 251 600	1 490 215	1 617 353	1 769 340
	8 818 386	635 136	723 636	598 008
Site Fuel / Use	9 514 016	694 869	619 205	642 828
Flared / Waste	53 175	0	0	0
Metering Difference	(977 868)	(59 733)	103 617	(48 666)
Deliveries	229 063	0	814	3 846
	8 818 386	635 136	723 636	598 008

Syncrude

Opening Inventory	2 572	2 391 427	3 163 362	3 758 975
Production	2 390 686	771 935	595 613	890 202
	2 393 258	3 163 362	3 758 975	4 649 177
Closing Inventory	2 391 427	3 163 362	3 758 975	4 649 177
	1 831	0	0	0
Site Fuel / Use	4 780	0	0	0
Metering Difference	(3 010)	0	0	0
Deliveries	61	0	0	0
	1 831	0	0	0

1986	1987	1988	1989	1990	1991
1 769 340	2 091 957	2 261 336	2 497 965	2 818 449	3 051 900
995 682	806 824	930 479	1 028 237	903 154	1 018 677
-----	-----	-----	-----	-----	-----
2 765 022	2 898 781	3 191 815	3 526 202	3 721 603	4 070 577
2 091 957	2 261 336	2 497 965	2 818 449	3 051 900	3 383 324
-----	-----	-----	-----	-----	-----
673 065	637 445	693 850	707 753	669 703	687 253
=====	=====	=====	=====	=====	=====
636 730	631 893	705 381	698 849	654 335	687 253
0	0	0	0	0	0
30 585	(2)	(18 412)	8 904	15 368	0
5 750	5 554	6 881	0	0	0
-----	-----	-----	-----	-----	-----
673 065	637 445	693 850	707 753	669 703	687 253
=====	=====	=====	=====	=====	=====
4 649 177	5 559 115	6 504 156	7 529 243	8 433 003	9 738 202
909 938	945 041	1 025 087	903 760	1 305 199	1 369 603
-----	-----	-----	-----	-----	-----
5 559 115	6 504 156	7 529 243	8 433 003	9 738 202	11 107 805
5 559 115	6 504 156	7 529 243	8 433 003	9 738 202	11 107 805
-----	-----	-----	-----	-----	-----
0	0	0	0	0	0
=====	=====	=====	=====	=====	=====
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
-----	-----	-----	-----	-----	-----
0	0	0	0	0	0
=====	=====	=====	=====	=====	=====

Sulphur (tonnes)

1967-1982 1983 1984 1985

Suncor

Opening Inventory	0	562 367	520 948	341 224
Production (B)	1 170 578	95 337	107 821	87 977
	1 170 578	657 704	628 769	429 201
Closing Inventory	562 367	520 948	341 224	244 725
	608 211	136 756	287 545	184 476
Site Fuel / Use	1 355	0	0	0
Flared / Waste	73 782	34 939	108 115	11 507
Metering Difference	(156 503)	14 062	(5 093)	6 094
Deliveries	689 577	87 755	184 523	166 875
To Syncrude	0	0	0	0
	608 211	136 756	287 545	184 476

Syncrude

Opening Inventory	0	98 941	98 989	91 718
Production	704 349	246 983	198 097	304 017
From Suncor	0	0	0	0
	704 349	345 924	297 086	395 735
Closing Inventory	98 941	98 989	91 718	58 823
	605 408	246 935	205 368	336 912
Flared / Waste	(411)	0	0	0
Metering Difference	(12 969)	0	4	1
Deliveries	618 788	246 935	205 364	336 911
	605 408	246 935	205 368	336 912

1986	1987	1988	1989	1990	1991
244 725	184 528	185 794	159 200	145 177	126 260
123 483	99 228	116 440	130 545	118 556	142 255
-----	-----	-----	-----	-----	-----
368 208	283 756	302 234	289 745	263 733	268 515
184 528	185 794	159 200	145 177	126 260	126 143
-----	-----	-----	-----	-----	-----
183 680	97 962	143 034	144 568	137 473	142 372
=====	=====	=====	=====	=====	=====
0	0	0	0	0	0
9 998	6 164	8 647	9 021	5 770	5 480
(112)	0	24 348	(19 096)	(1 461)	0
173 794	90 679	110 039	154 643	133 164	136 892
0	1 119	0	0	0	0
-----	-----	-----	-----	-----	-----
183 680	97 962	143 034	144 568	137 473	142 372
=====	=====	=====	=====	=====	=====
58 823	39 409	1 796	1 545	1 410	9 276
310 702	326 783	368 401	360 300	382 564	407 751
0	1 119	0	0	0	0
-----	-----	-----	-----	-----	-----
369 525	367 311	370 197	361 845	383 974	417 027
39 409	1 796	1 545	1 410	9 276	9 713
-----	-----	-----	-----	-----	-----
330 116	365 515	368 652	360 435	374 698	407 314
=====	=====	=====	=====	=====	=====
0	12	0	0	0	0
1	30 465	13	0	0	0
330 115	335 038	368 639	360 435	374 698	407 314
-----	-----	-----	-----	-----	-----
330 116	365 515	368 652	360 435	374 698	407 314
=====	=====	=====	=====	=====	=====

Bitumen (cubic metres)

	1967-1982	1983	1984	1985
Suncor				
Opening Inventory	0.0	17 627.6	34 917.9	15 693.0
Production	47 898 315.5	3 757 125.0	3 559 951.8	3 140 905.2
From Syncrude	0.0	0.0	69 290.0	76 572.6
From Other	0.0	0.0	0.0	0.0
	47 898 315.5	3 774 752.6	3 664 159.7	3 233 170.8
Closing Inventory	17 627.6	34 917.9	15 693.0	22 631.3
	47 880 687.9	3 739 834.7	3 648 466.7	3 210 539.5
Further Processing	47 846 771.5	3 739 835.0	3 648 462.7	3 210 539.5
Flared / Waste	0.0	0.0	0.0	0.0
Metering Difference	29 830.6	(0.3)	4.0	0.0
Deliveries	4 085.8	0.0	0.0	0.0
	47 880 687.9	3 739 834.7	3 648 466.7	3 210 539.5

Syncrude

Opening Inventory *	0.0	366 206	466 301	426 520
Production	24 200 297.3	7 980 894	6 141 172	9 289 128
	0.0	0	0	0
	24 200 297.3	8 347 100	6 607 473	9 715 648
Closing Inventory *	342 644.0	466 301	426 520	447 531
	23 857 653.3	7 880 799	6 180 953	9 268 117
Further Processing	23 890 519.5	7 862 980	6 111 120	9 187 890
Site Fuel / Use	2 508.7	0	0	0
Flared / Waste	0.0	19 595	0	0
Metering Difference	(35 374.9)	(1 776)	543	1 498
To Suncor	0.0	0	69 290	76 579
To Other	0.0	0	0	2 150
	23 857 653.3	7 880 799	6 180 953	9 268 117

Note: * Inventories differ due to the change in method of reporting.

1986	1987	1988	1989	1990	1991
22 631.3	49 245.6	44 237.0	32 386.7	21 578.9	25 029.1
4 158 787.7	3 394 991.3	3 903 379.8	4 389 179.0	3 852 749.4	4 377 049.2
64 689.0	47 258.0	76 523.2	0.0	10 126.1	0.0
0.0	0.0	0.0	0.0	5 461.1	4 808.1
4 246 108.0	3 491 494.9	4 024 140.0	4 421 565.7	3 889 915.5	4 406 886.4
49 245.6	44 237.0	32 386.7	21 578.9	25 029.1	46 118.4
4 196 862.4	3 447 257.9	3 991 753.3	4 399 986.8	3 864 886.4	4 360 768.0
4 196 841.9	3 451 933.6	3 984 533.2	4 399 986.8	3 864 885.7	4 360 767.8
0.0	0.0	7 219.8	0.0	0.0	0.0
0.0	(4 675.7)	0.3	0.0	0.7	0.2
20.5	0.0	0.0	0.0	0.0	0.0
4 196 862.4	3 447 257.9	3 991 753.3	4 399 986.8	3 864 886.4	4 360 768.0
447 531	341 747	513 509	233 159	230 152	240 935
9 328 971	10 014 284	10 559 758	10 318 810	11 042 713	11 766 717
0	0	0	0	0	44 493
9 776 502	10 356 031	11 073 267	10 551 969	11 272 865	12 052 145
341 747	513 509	233 159	230 152	240 935	455 246
9 434 755	9 842 522	10 840 108	10 321 817	11 031 930	11 596 899
9 370 066	9 795 262	10 763 860	10 316 740	11 021 804	11 592 873
0	0	0	0	0	0
0	0	0	0	0	0
0	2	(392)	3 974	0	4 026
64 689	47 258	76 640	0	10 126	0
0	0	0	1 103	0	0
9 434 755	9 842 522	10 840 108	10 321 817	11 031 930	11 596 899

Distillate (cubic metres)

	1967-1982	1983	1984	1985
Suncor				
Opening Inventory	33 143.9	25 316.7	20 768.9	3 717.4
Production (A)	36 725 275.2	2 883 138.6	2 912 713.4	2 624 167.8
From Other	4 340.4	0.0	0.0	0.0
	36 762 759.5	2 908 455.3	2 933 482.3	2 627 885.2
Closing Inventory	25 316.7	20 768.9	3 717.4	6 308.6
	36 737 442.8	2 887 686.4	2 929 764.9	2 621 576.6
Further Processing	35 164 794.7	2 382 371.3	2 912 992.8	2 378 346.3
Site Fuel / Use	102 002.9	0.0	8 548.1	6 457.1
Flared / Waste	112 558.5	1 337.8	9 511.7	13 226.5
Metering Difference	28 323.9	873.6	(1 287.7)	2 971.6
Deliveries	1 329 762.8	503 103.7	0.0	220 575.1
	36 737 442.8	2 887 686.4	2 929 764.9	2 621 576.6

Syncrude

Opening Inventory	120 310.8	165 072	47 015	56 503
Production	19 107 523.8	6 355 203	4 962 444	7 348 876
	19 227 834.6	6 520 275	5 009 459	7 405 379
Closing Inventory	165 072.0	47 015	56 503	42 751
	19 062 762.6	6 473 260	4 952 956	7 362 628
Further Processing	19 081 547.1	6 374 846	5 001 871	7 347 556
Site Fuel / Use	(5 352.0)	0	0	0
Flared / Waste	0.0	5 640	8 851	11 046
Diluent Carryover / Rerun	(114 192.7)	(66 763)	(57 765)	4 026
Metering Difference	0.4	(2)	(1)	0
Deliveries	0.0	159 539	0	0
	18 962 002.8	6 473 260	4 952 956	7 362 628

Note: * Totals do not balance due to the change in method of reporting.

1986	1987	1988	1989	1990	1991
6 308.6	3 042.3	61 134.1	4 386.4	5 311.7	13 688.7
3 446 396.8	2 805 057.1	3 111 532.0	3 616 598.9	3 273 964.2	3 767 644.4
0.0	0.0	0.0	0.0	0.0	0.0
3 452 705.4	2 808 099.4	3 172 666.1	3 620 985.3	3 279 275.9	3 781 333.1
3 042.3	61 134.1	4 386.4	5 311.7	13 688.7	6 044.0
3 449 663.1	2 746 965.3	3 168 279.7	3 615 673.6	3 265 587.2	3 775 289.1
=====	=====	=====	=====	=====	=====
3 440 949.1	2 650 786.2	3 119 922.2	3 573 098.7	3 225 995.0	3 748 262.2
6 259.1	2 655.7	10 915.7	13 479.0	10 624.2	1 989.1
994.9	2 635.4	7 964.4	9 505.2	39.7	492.2
444.3	3 433.8	2 240.7	2 325.0	(731.1)	1 077.1
1 015.7	87 454.2	27 236.7	17 265.7	29 659.4	23 468.5
3 449 663.1	2 746 965.3	3 168 279.7	3 615 673.6	3 265 587.2	3 775 289.1
=====	=====	=====	=====	=====	=====
42 751	75 219	49 632	121 244	132 129	156 143
7 439 630	7 802 133	8 708 573	8 583 000	9 132 203	9 597 720
7 482 381	7 877 352	8 758 205	8 704 244	9 264 332	9 753 863
75 219	49 632	121 244	132 129	156 143	97 276
7 407 162	7 827 720	8 636 961	8 572 115	9 108 189	9 656 587
=====	=====	=====	=====	=====	=====
7 400 106	7 821 229	8 607 031	8 439 261	8 939 686	9 495 693
0	0	0	0	0	0
1 090	0	0	0	0	0
4 650	0	0	0	0	0
1 316	6 491	29 930	132 854	117 533	160 894
0	0	0	0	50 970	0
7 407 162	7 827 720	8 636 961	8 572 115	9 108 189	9 656 587
=====	=====	=====	=====	=====	=====





